

FIG. 2

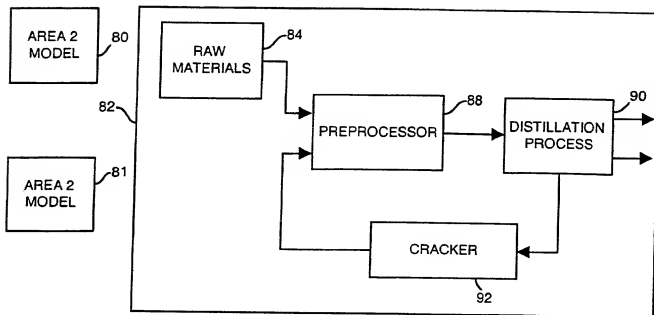


FIG. 3

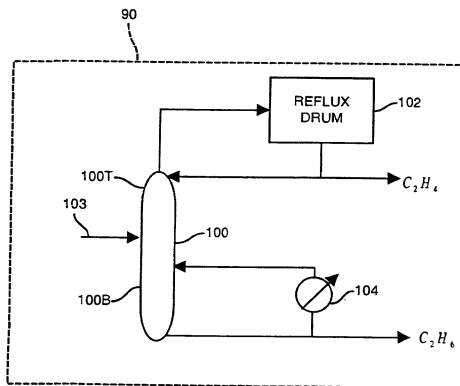


FIG. 4

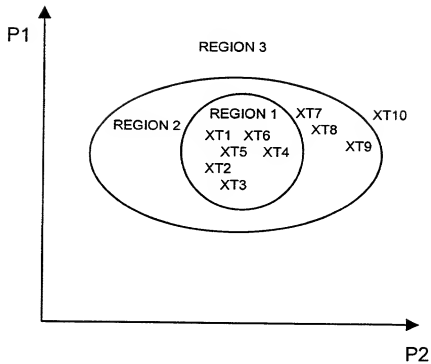


FIG. 5

1065445-022820



	PI	VI	HI	UI
Unit	x		x	x
Sub Unit	x		x	x
Loop		x	x	x
Device		x	x	

FIG. 9

PERFORMANCE FOR FCCU: 83.2

575 {	Loop Name	Index	Weight
	FIC-101	88	3
	TIC-111	89	3
	LIC-111	88	3
	FIC-111	60	3
	FIC-112	80	1
	TCI-222	87	1
	FIC-101	88	3
	TIC-111	89	3
	LIC-111	88	3
	FIC-111	60	3
	FIC-112	80	1
	TIC-222	87	1
	PIC-111	87	1

FIG. 10

FCCU Health: 97.5

Device Name	Index	Description	Weight
FV-111	100	Leaking	3
TI-111	98	Sticktion	3
LI-111	90	40	3
MC-101	95	Will burn up in 2 weeks	3
FV-111	96	0	1

FIG. 11

FCCU Variability: 12.1

Device Name	Index	Weight
FV-101	0	3
TI-111	2	3
LI-111	40	3
FV-111	0	3
FV-112	0	1
TI-222	2	1
FI-101	7	3
TI-111	6	3
LI-111	7	3
FI-111	7	3
FI-112	7	1
TI-222	7	1
Sub unit: Reboiler RB101	15	2

FIG. 12

Alarms

Process

Impulse Line

Plugged Impulse Line Detection

Time Stamp 12:72:12

Status

☐ OK

☐ Inactive

☐ Learning

☐ Verifying

☒ Insufficient Dynamics

☐ Bad PV Status

☐ Not Licensed

☐ All Lines Plugged

Plugged Impulse Line History

Time Stamp 16:72:12

Status

☒ All Lines Plugged

☐ No History

FIG. 13

20220529.54459001

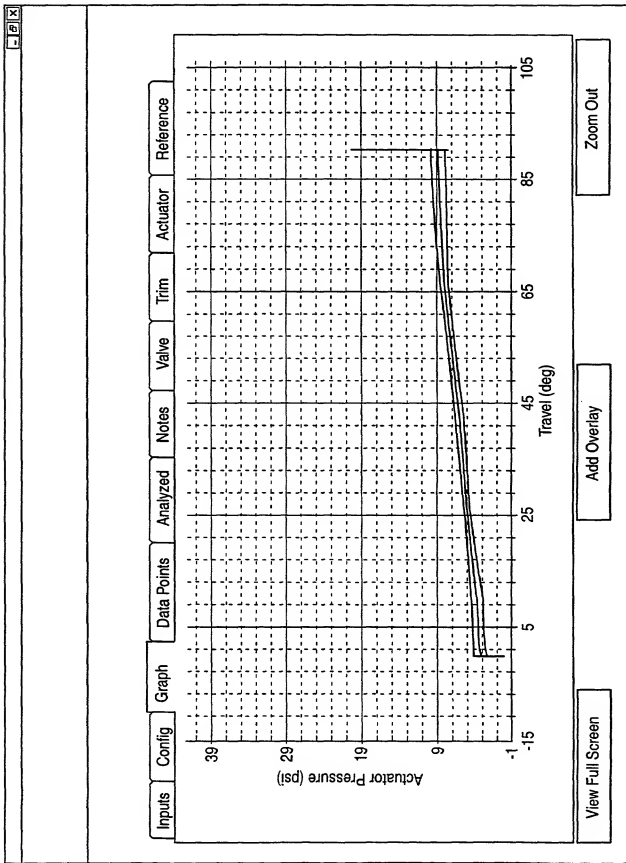


FIG. 14

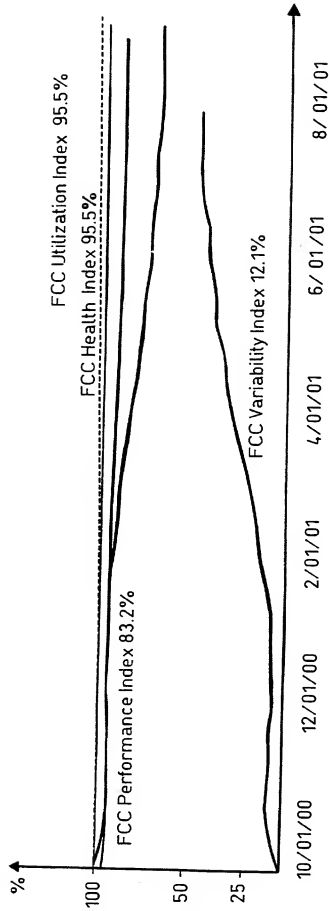


FIG. 15

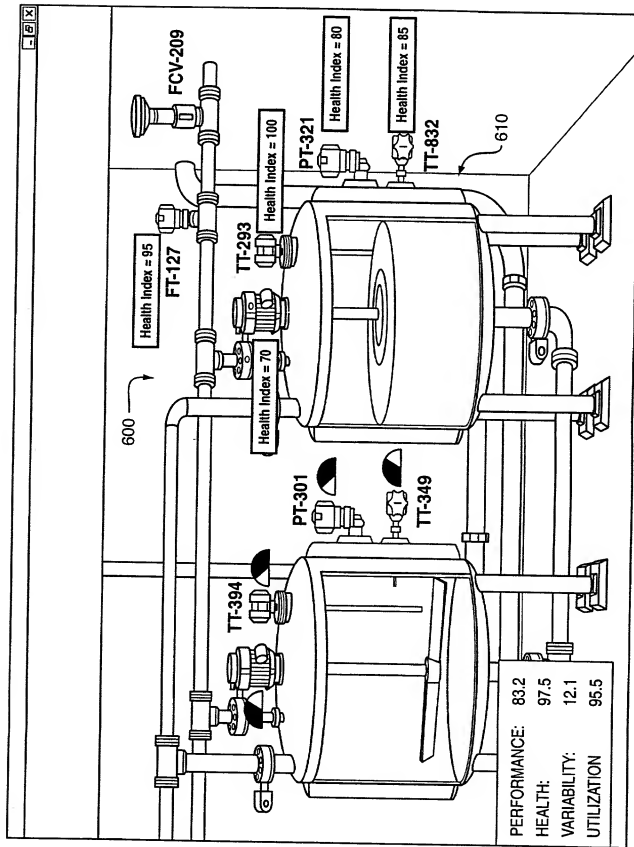


FIG. 16

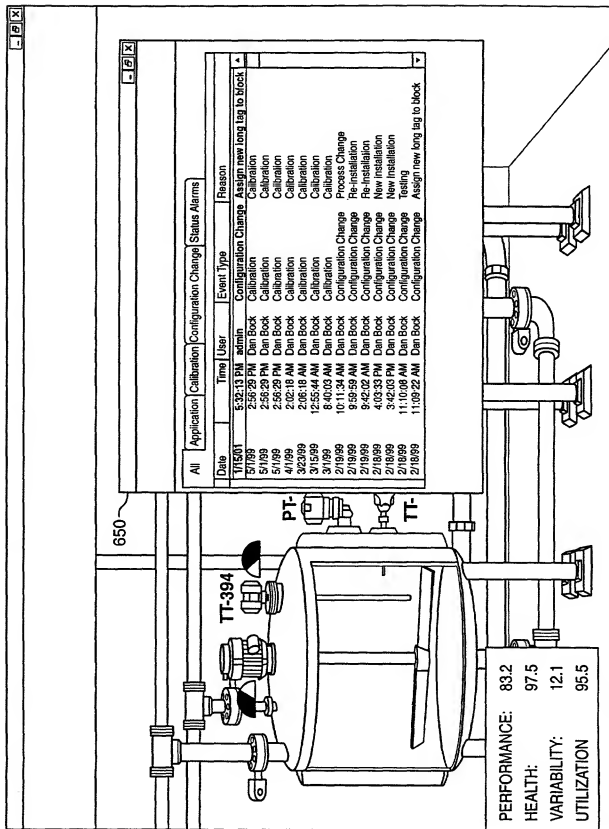


FIG. 17

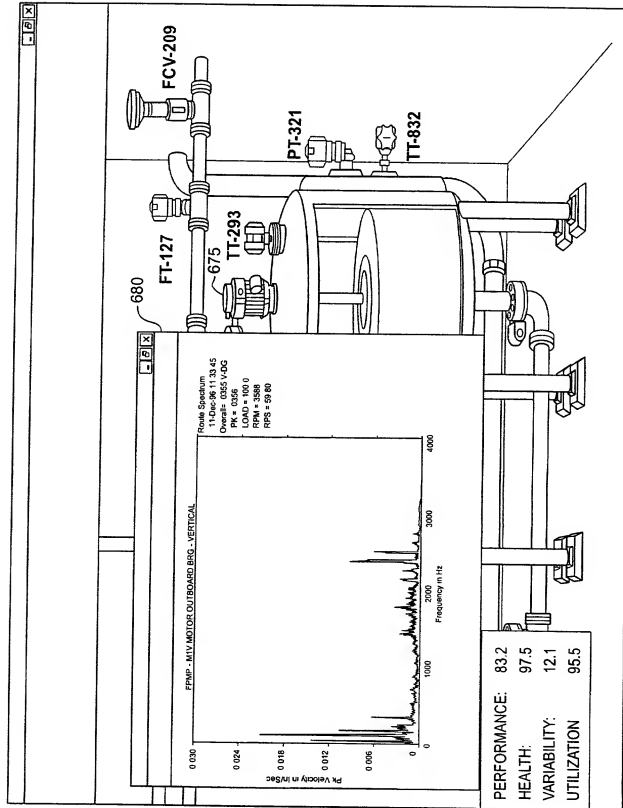


FIG. 18

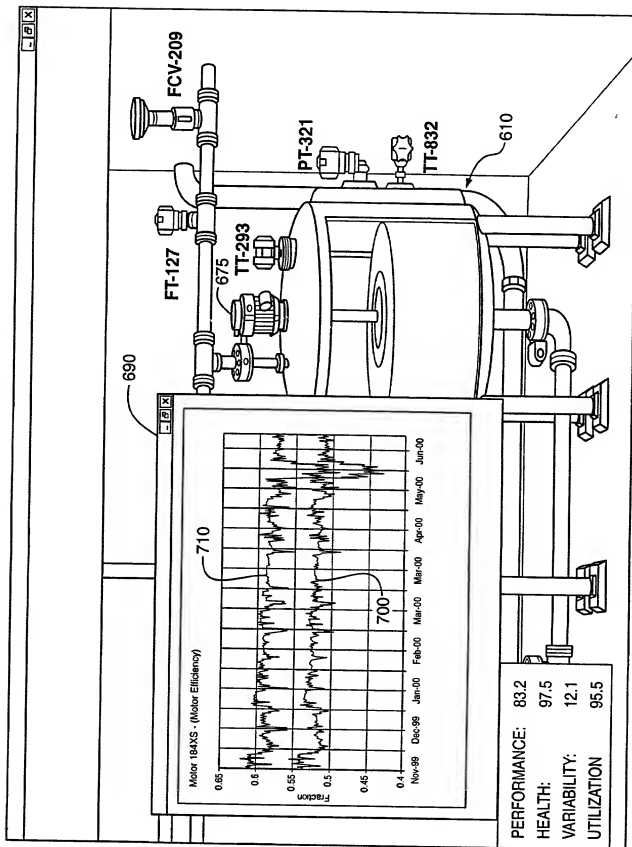


FIG. 19

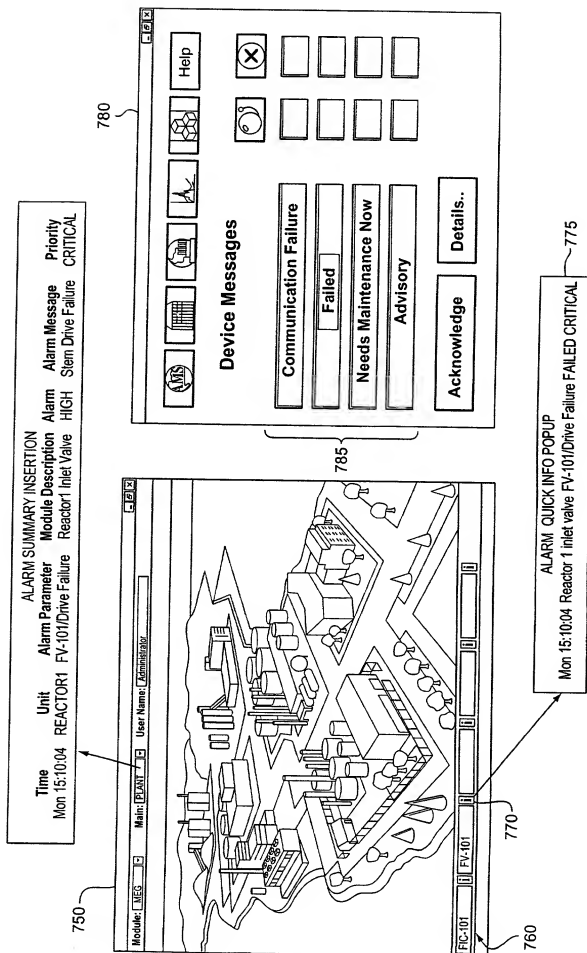
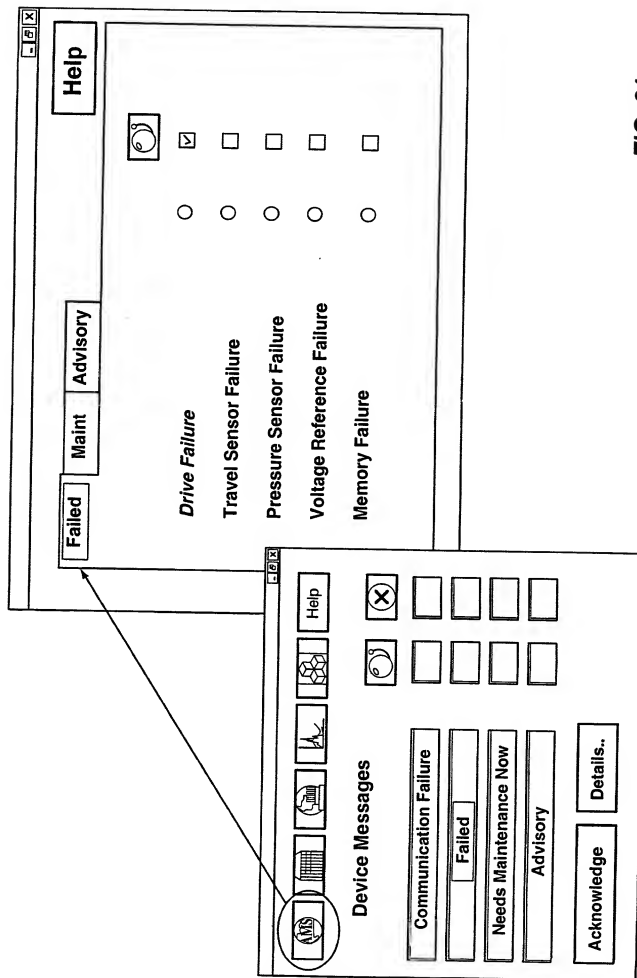


FIG. 20



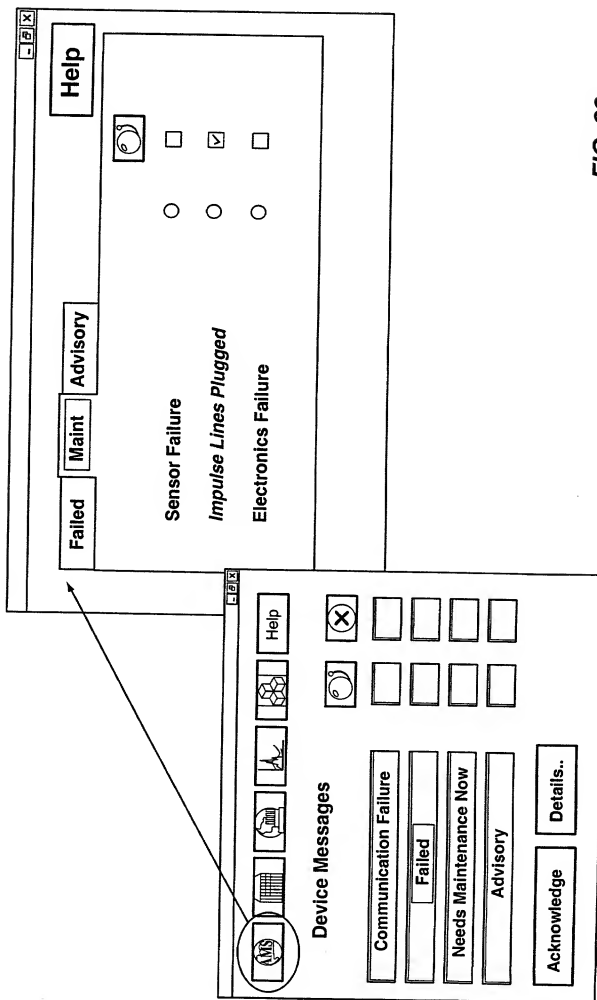


FIG. 22

20220-5445801

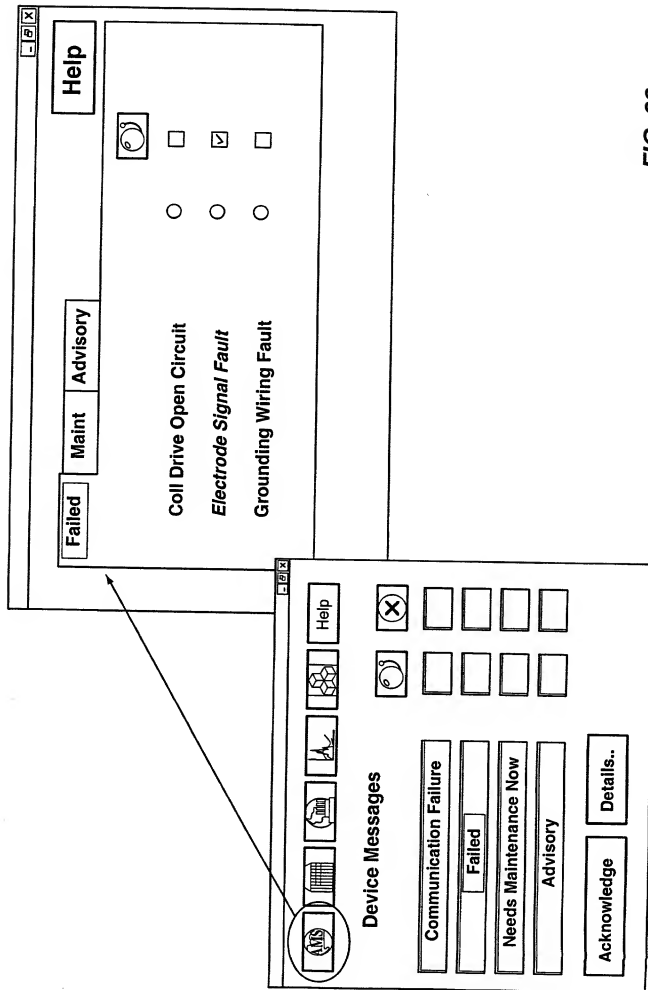
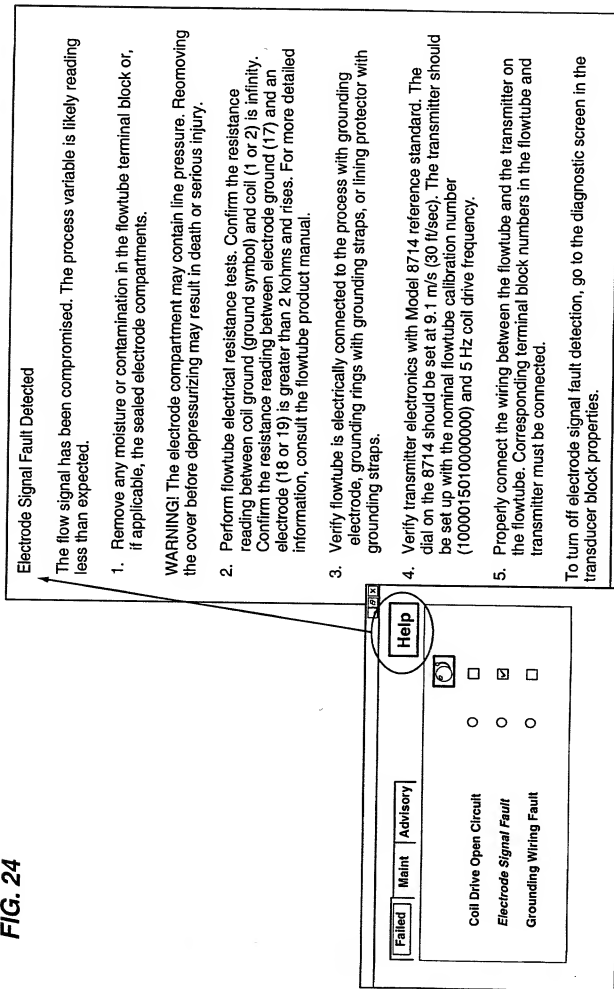


FIG. 24



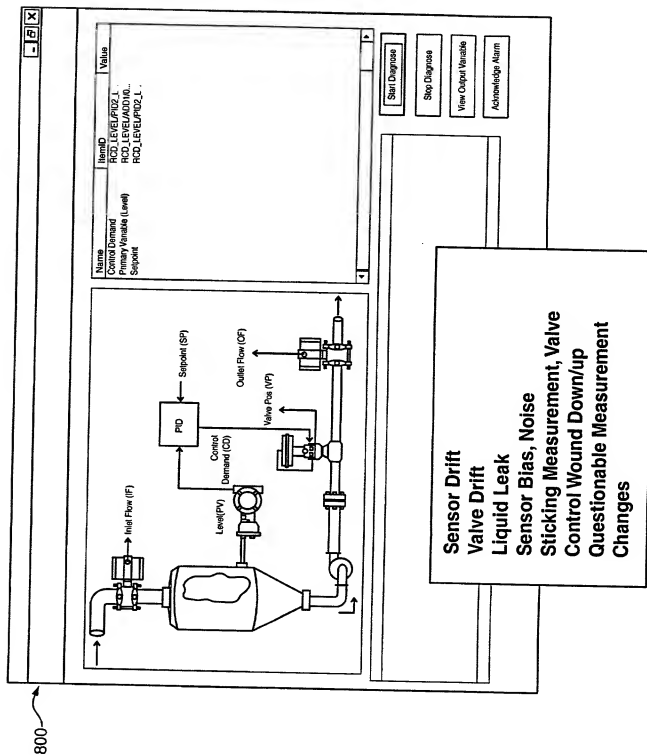
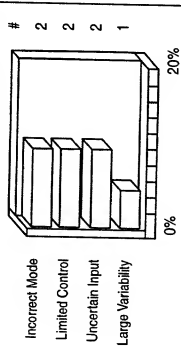


FIG. 25

20220-5458901

Condition		Number of Modules Active = 19			
Incorrect Mode					
Limited Control					
Uncertain Input					
Large Variability					



Current filter settings:
Current Hour: Input, Output, Control
Blocks with abnormal conditions

Control Summary
Performance = 94.9%
Utilization = 91.3%

Selected Module: LIC165

Block Name	Percent of Time Abnormal			Variability	
	Mode	Control	Input	Index	Limit
AI1	0.0	0.0	0.0	14.2	10.0
AO1	0.0	0.0	0.0	13.9	10.0
PID1	5.0	100.0	00.0	89.5	10.0
Limit	1.0	1.0	1.0		

FIG. 26

Work Order		Plans	Actuals	Costs	WO Hierarchy	Safety Plan	Failure Reporting	Linked Documents
Modules	Work Orders	Plans	Actuals	Costs	WO Hierarchy	Safety Plan	Failure Reporting	Linked Documents
PMs	Inventory	Purchasing	Equipment	Equipment	Equipment	Equipment	Equipment	Equipment
Equipment	Equipment	Equipment	Equipment	Equipment	Equipment	Equipment	Equipment	Equipment
Purchasing	Purchasing	Purchasing	Purchasing	Purchasing	Purchasing	Purchasing	Purchasing	Purchasing
Plans	Plans	Plans	Plans	Plans	Plans	Plans	Plans	Plans
Labor	Labor	Labor	Labor	Labor	Labor	Labor	Labor	Labor
Calendars	Calendars	Calendars	Calendars	Calendars	Calendars	Calendars	Calendars	Calendars
Resources	Resources	Resources	Resources	Resources	Resources	Resources	Resources	Resources
Custom Apps	Custom Apps	Custom Apps	Custom Apps	Custom Apps	Custom Apps	Custom Apps	Custom Apps	Custom Apps
Setup	Setup	Setup	Setup	Setup	Setup	Setup	Setup	Setup
Utilities	Utilities	Utilities	Utilities	Utilities	Utilities	Utilities	Utilities	Utilities
<div> <div> <div>Work Order 1184</div> <div>Location BDCUBE</div> <div>Equipment TT-111</div> <div>Reported By MAXIMO</div> <div>Status WSCB</div> <div>GL Account</div> </div> <div> <div>SENSOR MEASUREMENT</div> <div>AMS Business Development Cubicle</div> <div>Rosemont 3044C in BD Cube</div> <div>Reported By 8/18/00</div> <div>Status Date 8/18/00</div> </div> <div> <div>WO Priority 5</div> <div>LoadEq Priority</div> <div>Equipment Up? Y</div> <div>Warranty Date</div> <div>Work Type EM</div> </div> </div> <div> <div>Job Details</div> <div>Job Plan</div> <div>Safety Plan</div> <div>PM AMS 01:30</div> <div>Service Contract</div> </div> <div> <div>Problem</div> <div>Failure Class</div> <div>Problem Code</div> </div> <div> <div>Follow-up Work</div> <div>Originating WO</div> <div>Has Follow-up Work? N</div> </div>								

Scheduling Information

Start

Target 8/18/00 11:42AM

Scheduled

Actual

Estimated Duration 0.00

Remaining Duration

Completion

8/18/00 11:42AM

Crew

Interruption?

Supervisor

Labor Group

Lead Craft/Person

Modified

By Maximo

Date 8/18/00

FIG. 27

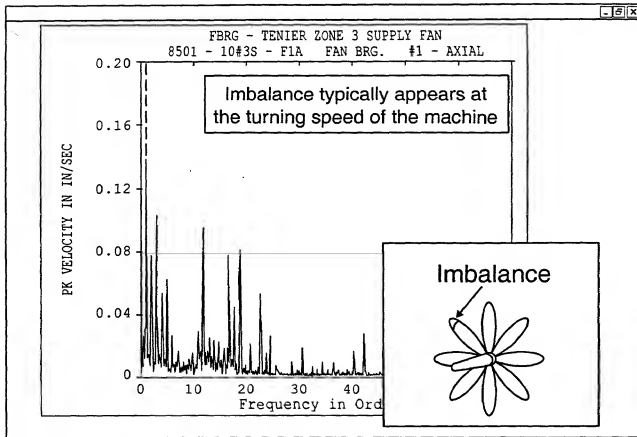


FIG. 28

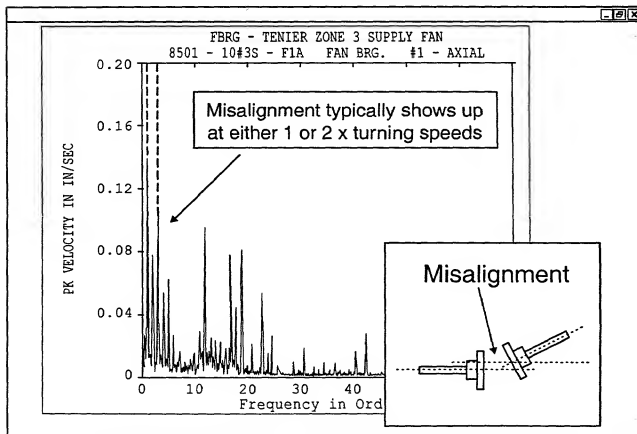


FIG. 29

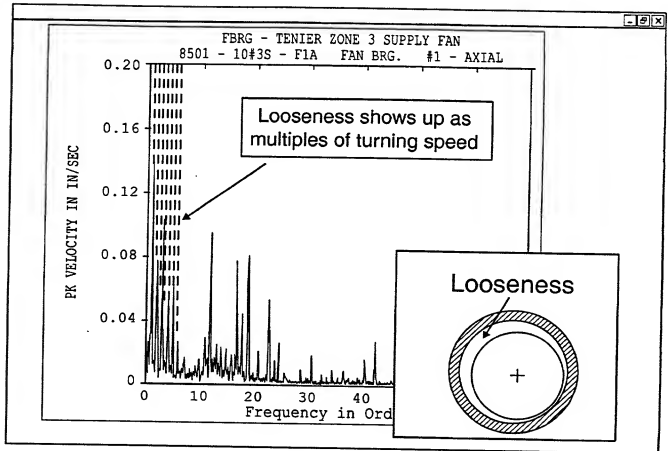


FIG. 30

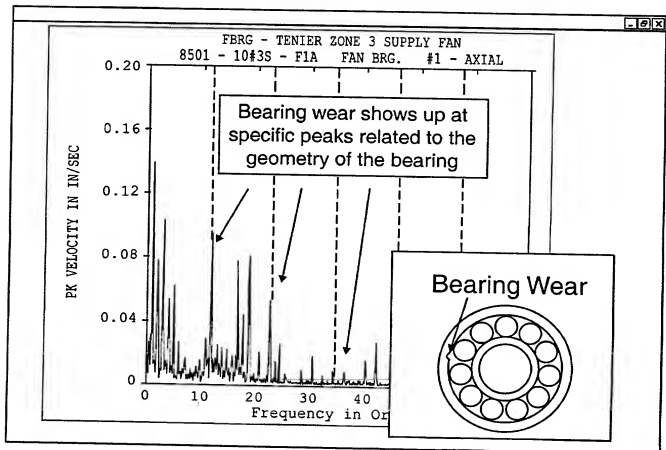


FIG. 31

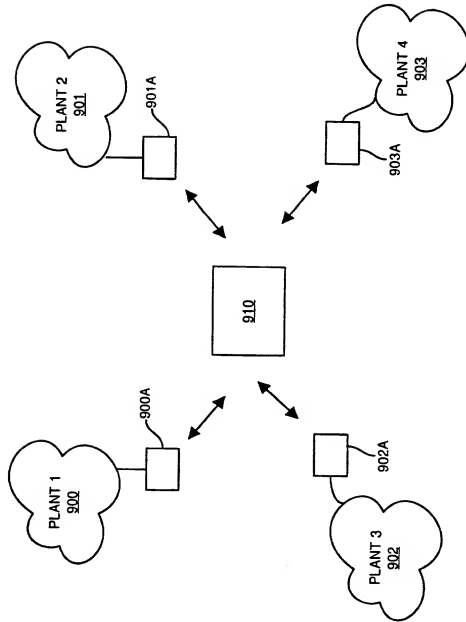


FIG. 32

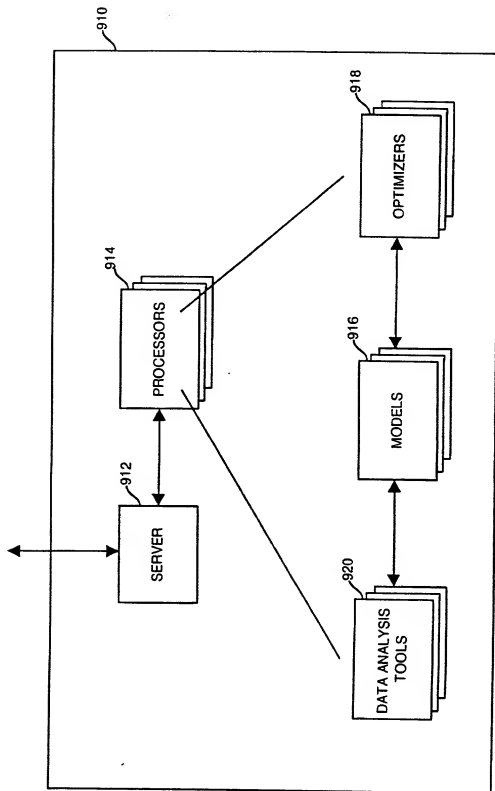


FIG. 33

2022054158001